

FIG.2

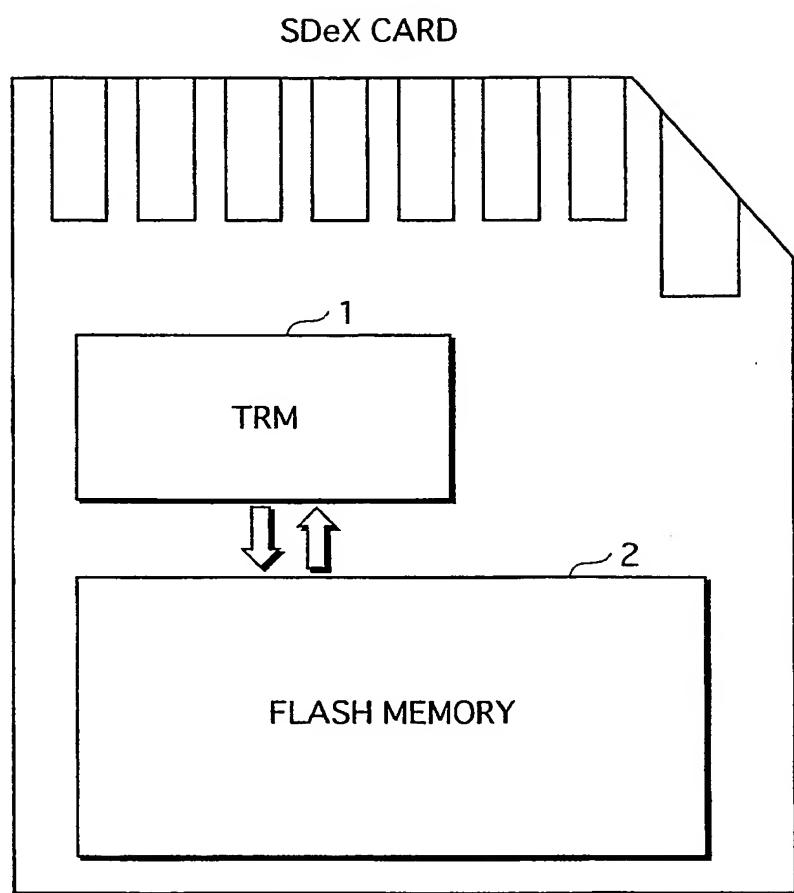


FIG.3

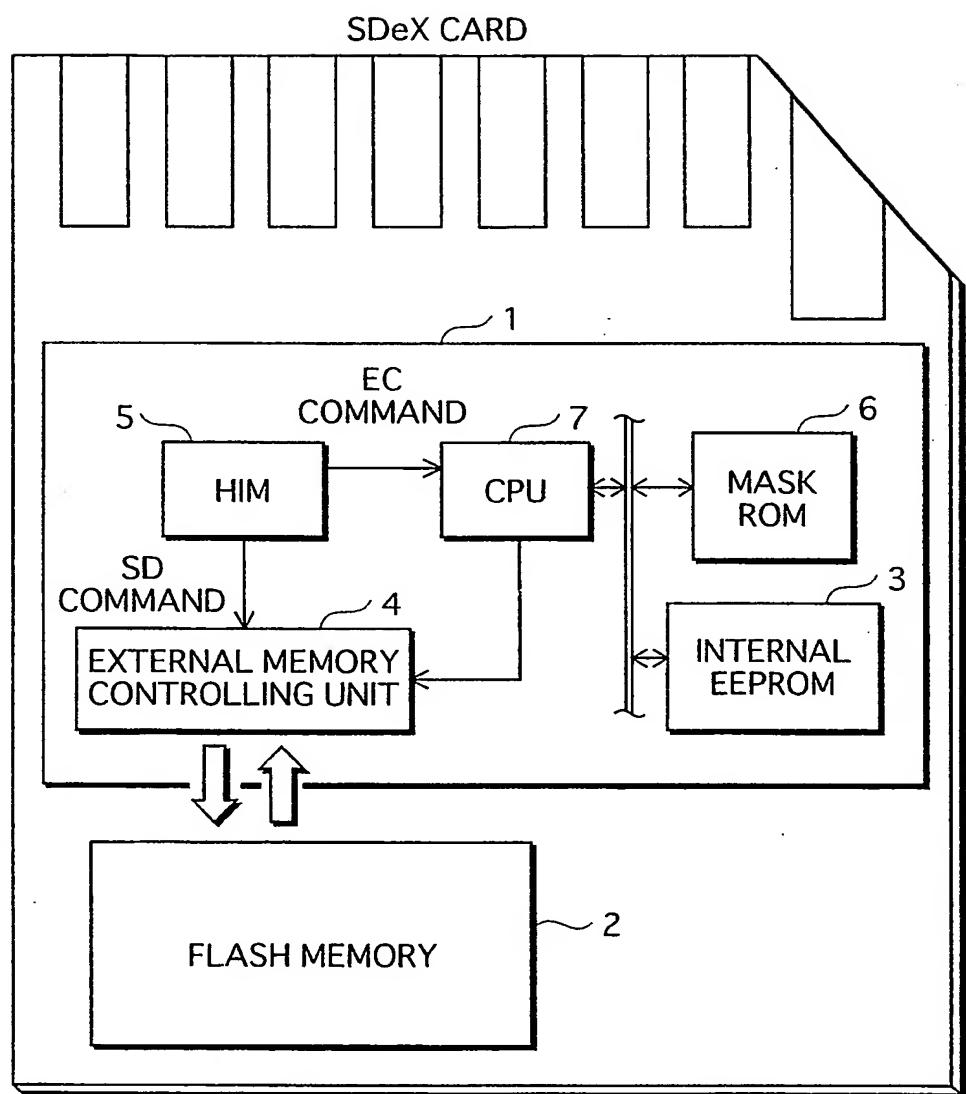


FIG.4

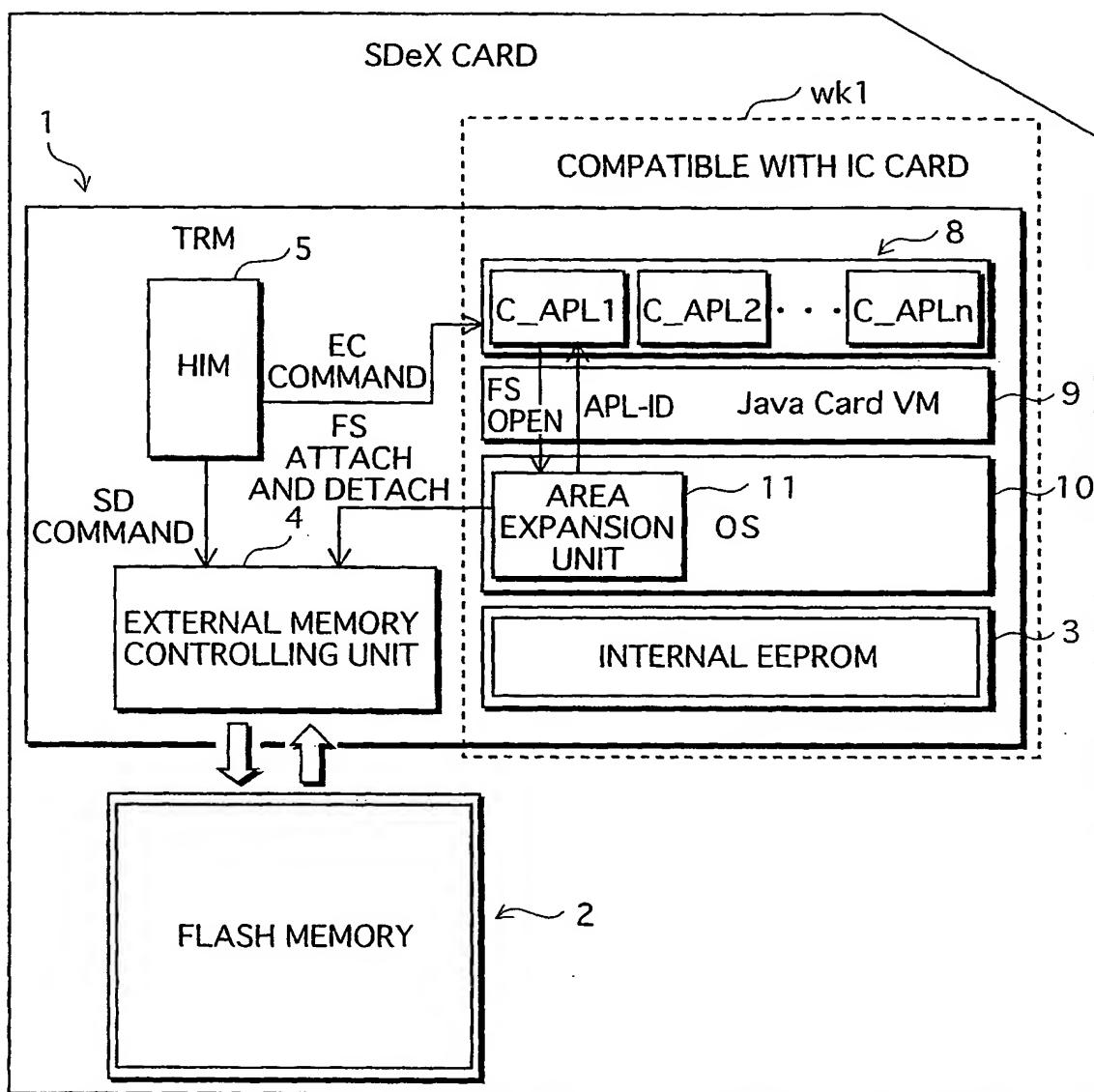


FIG.5

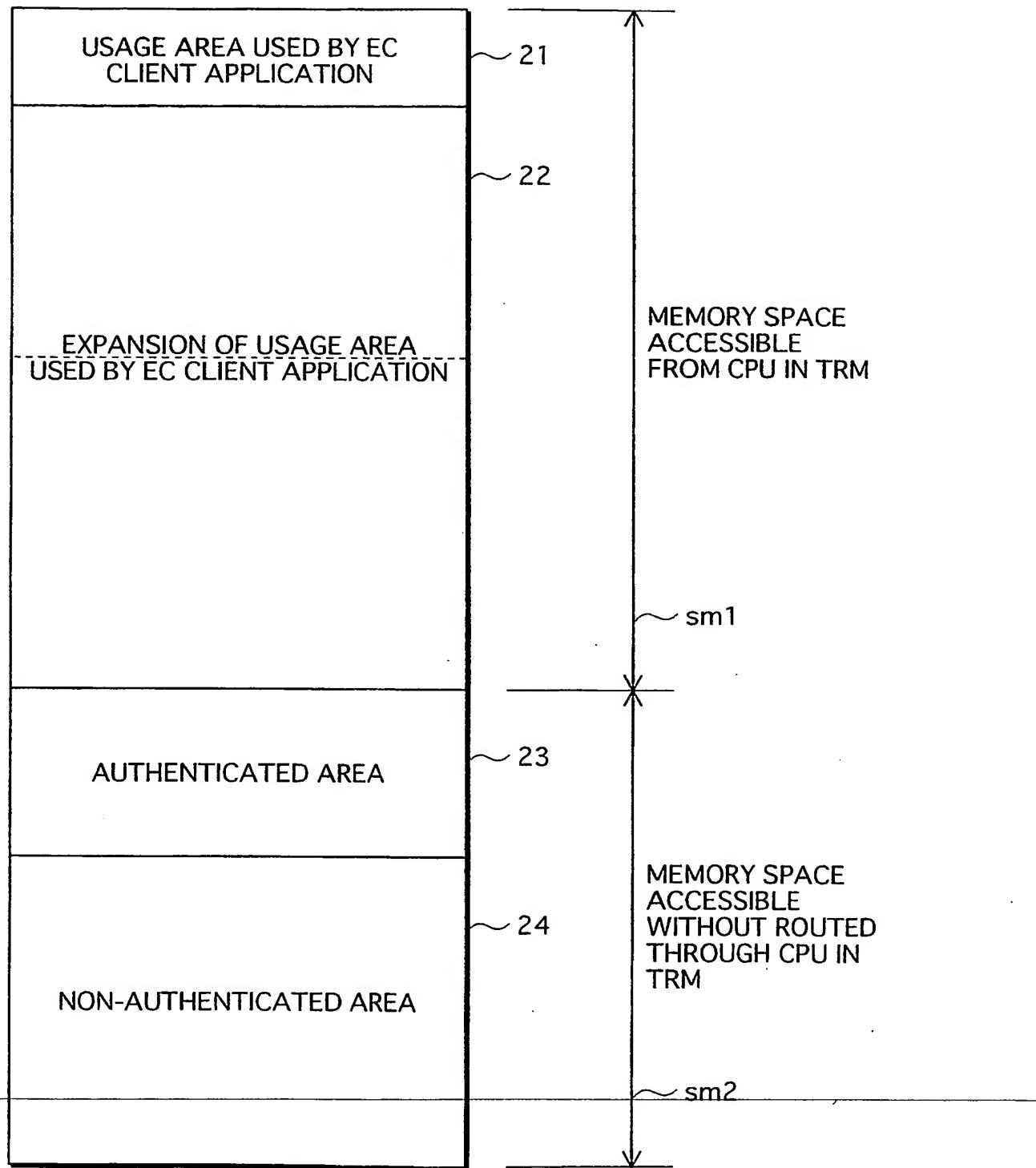


FIG.6

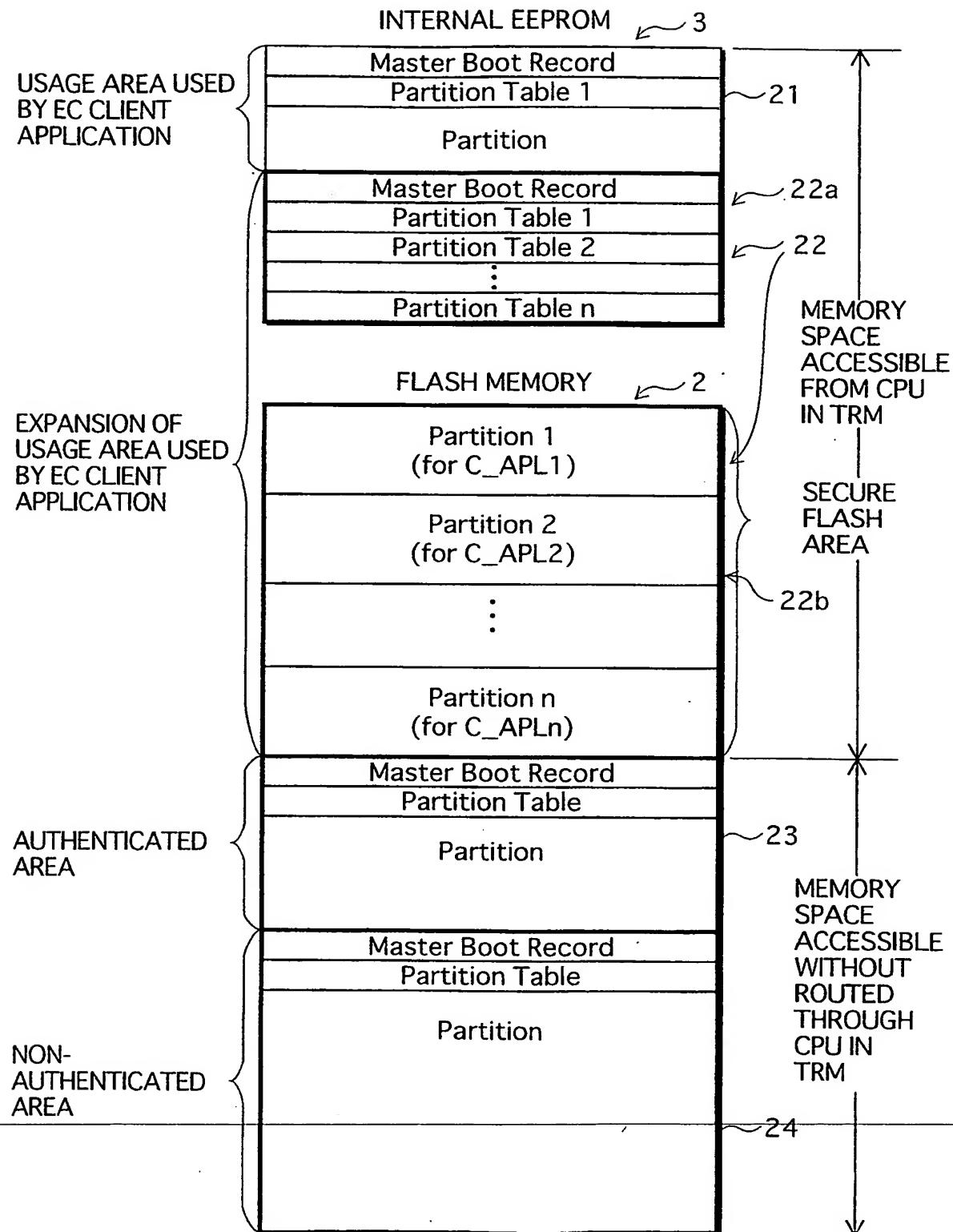


FIG.7

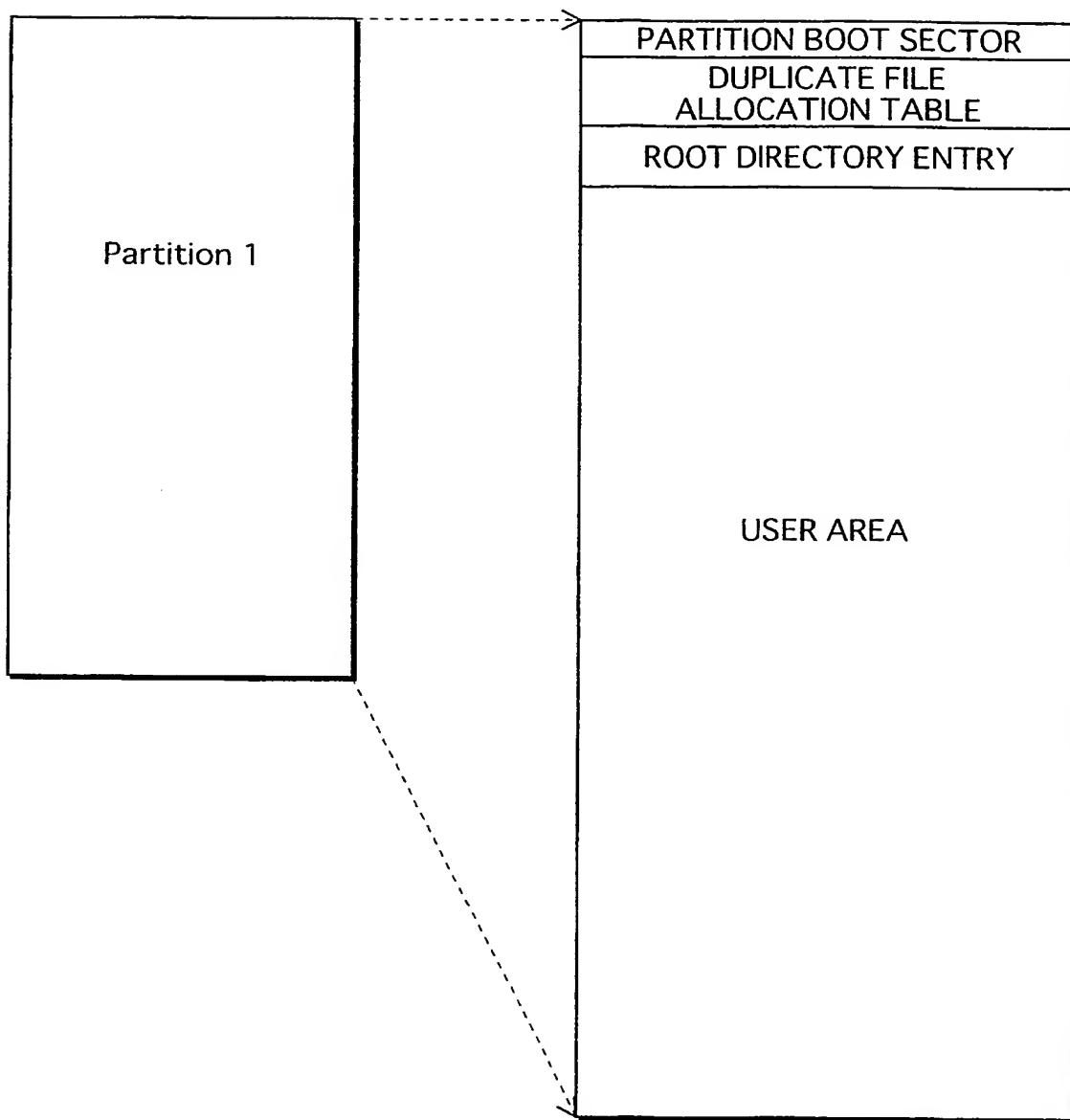


FIG.8A

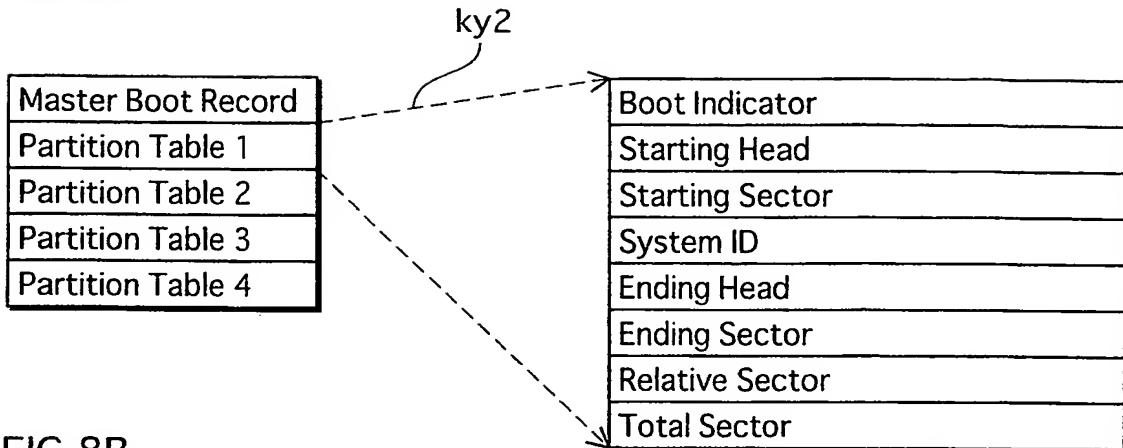


FIG.8B

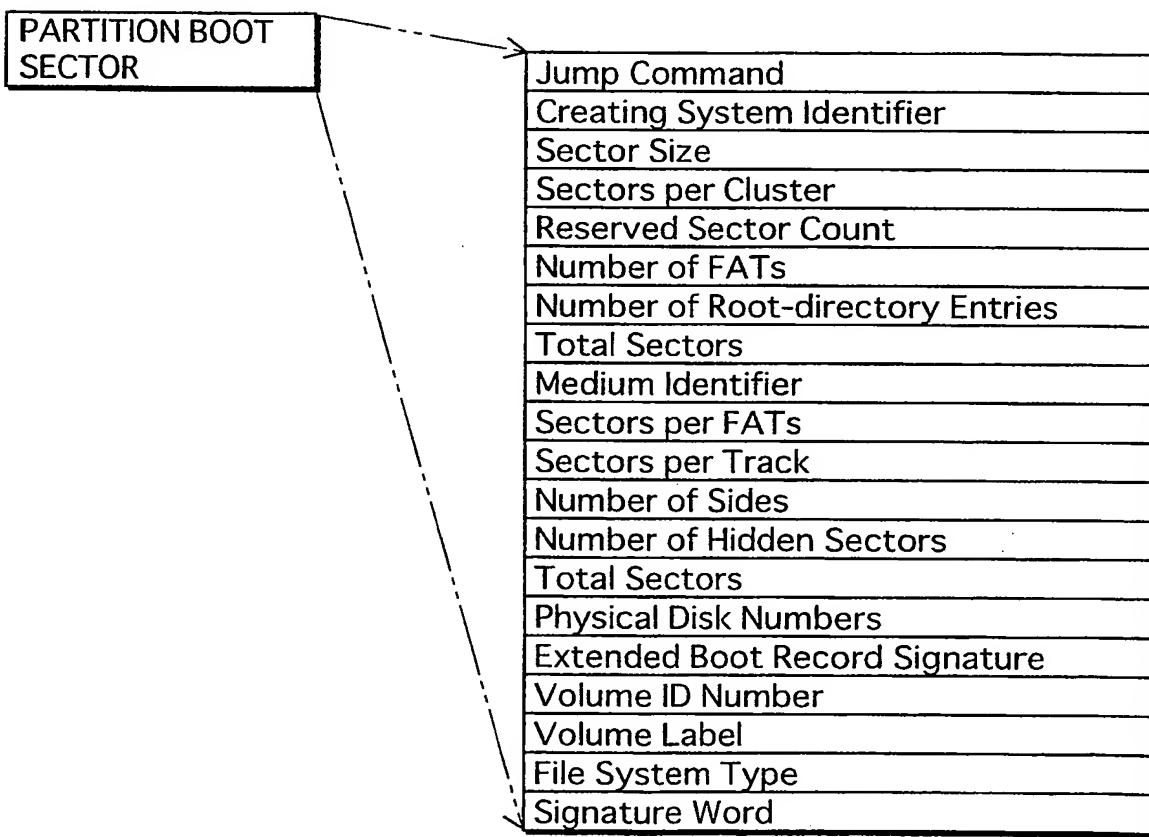


FIG.9

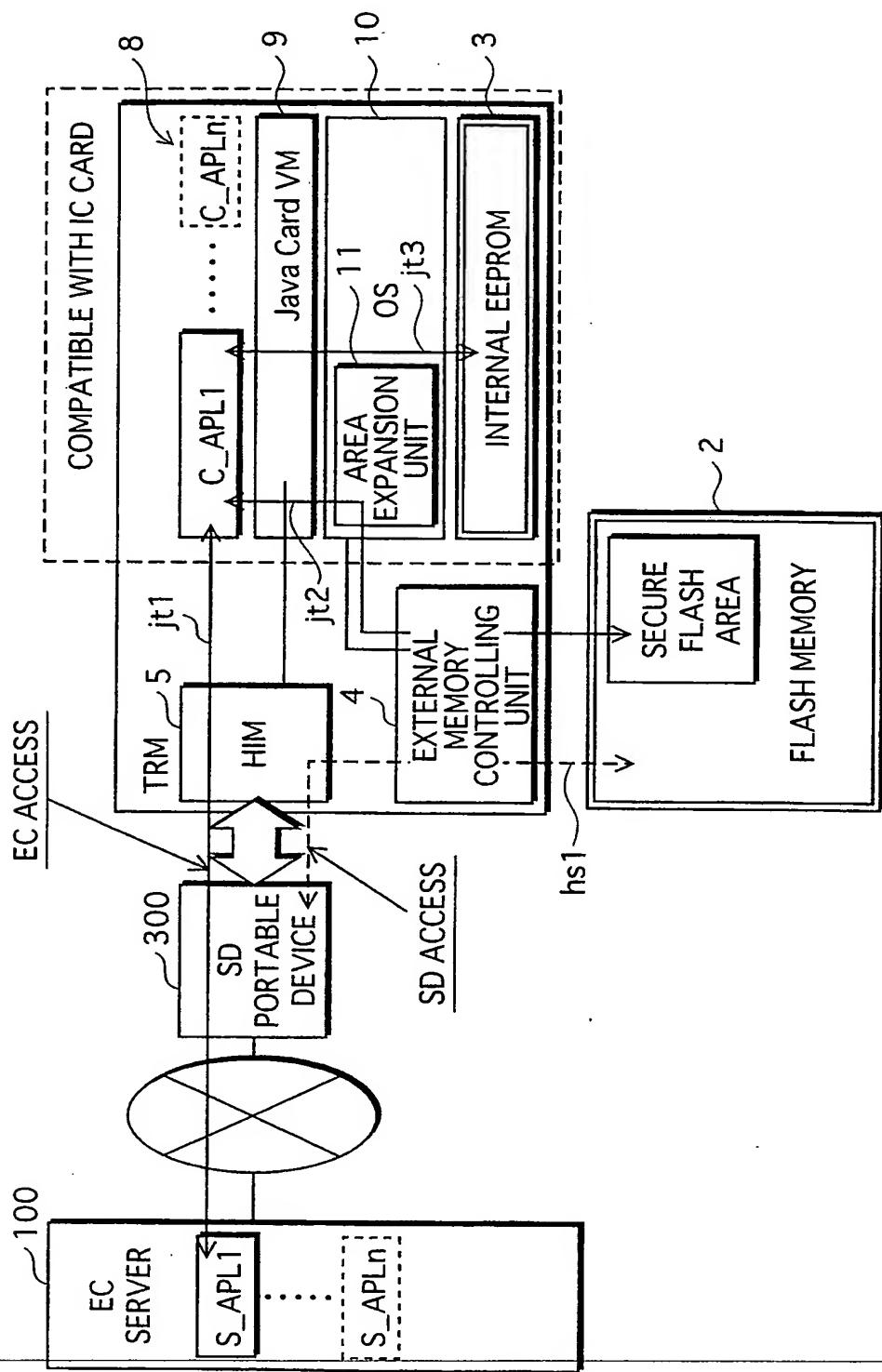
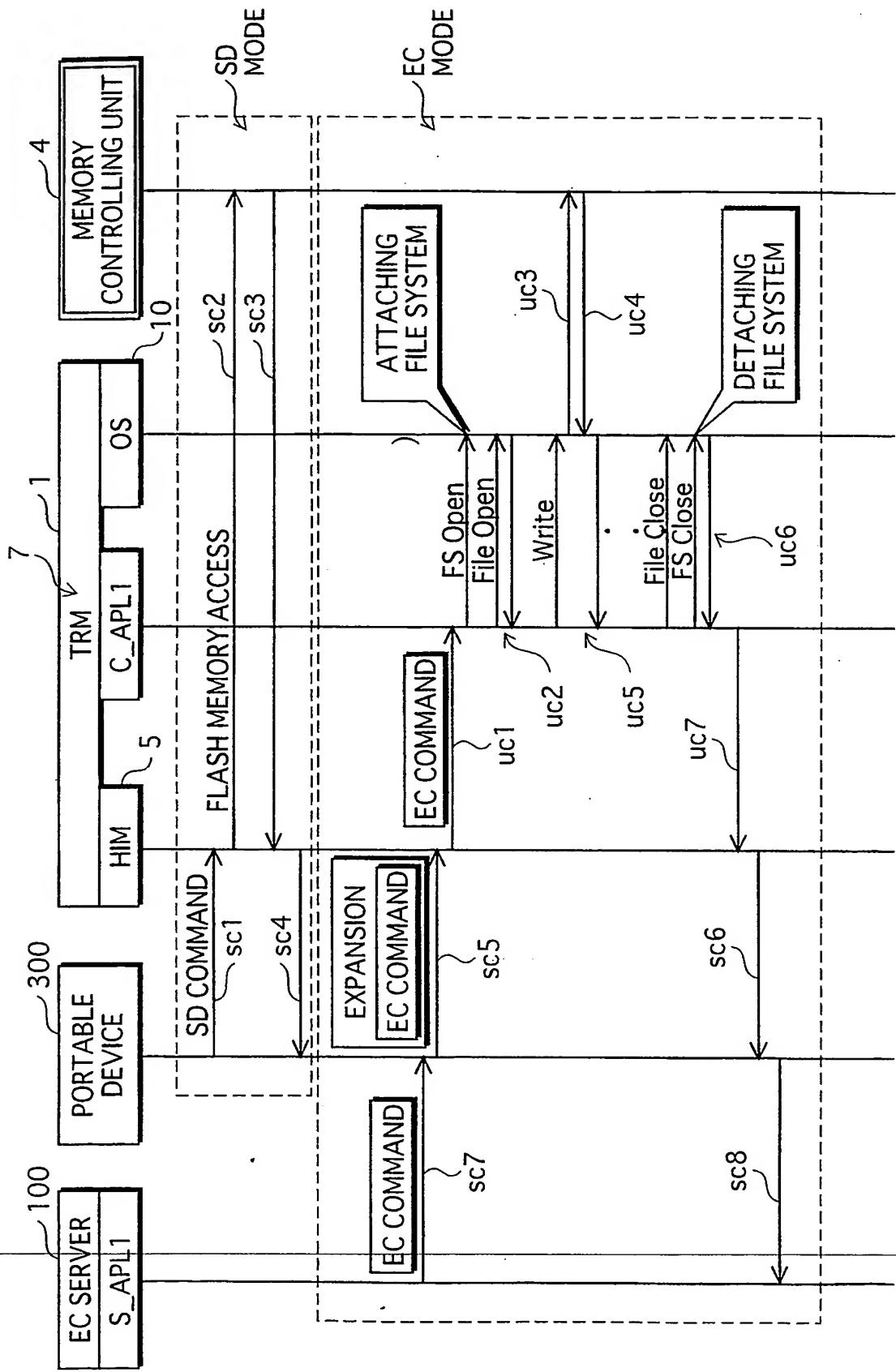


FIG.10



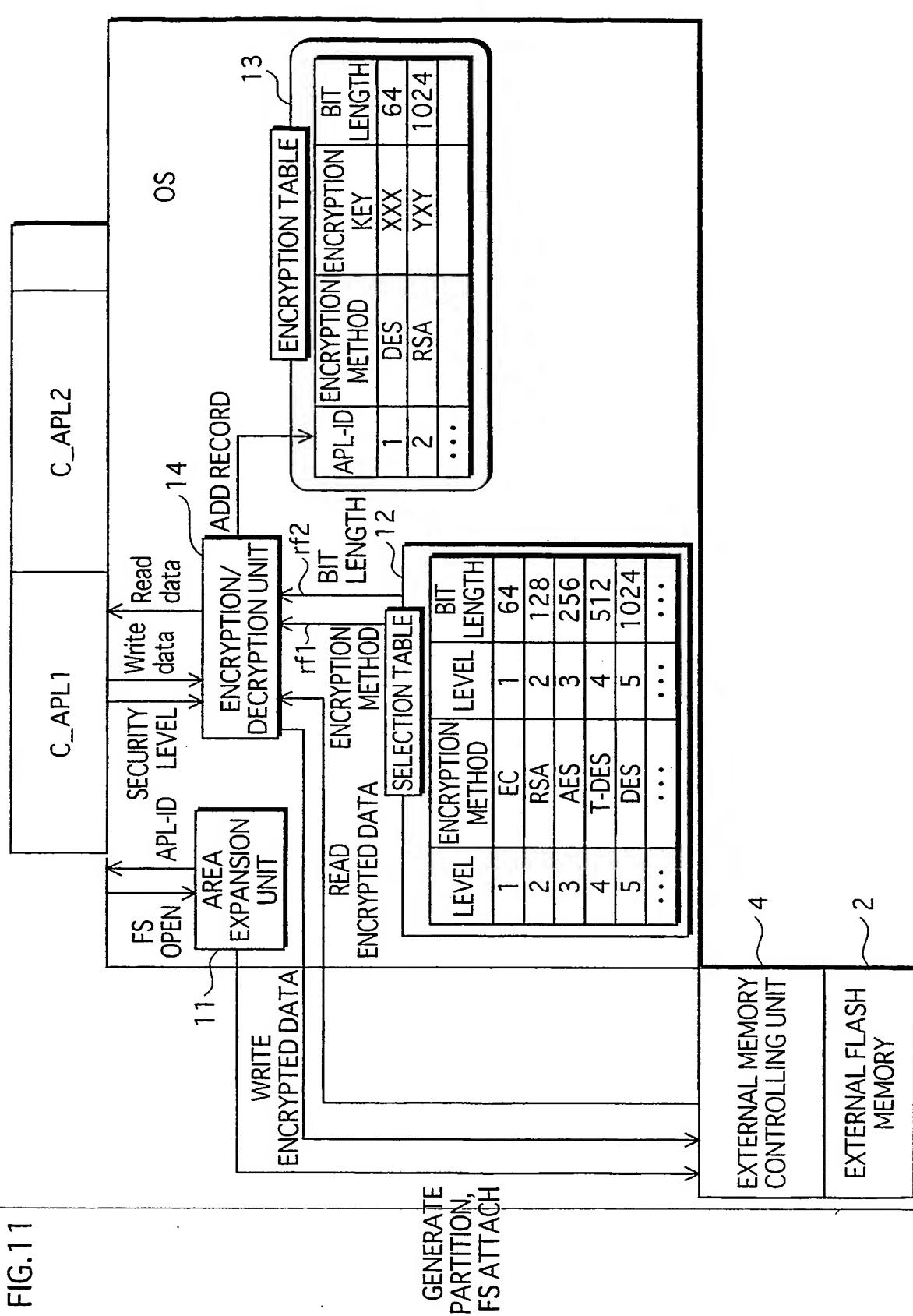


FIG.11

FIG.12A

## PROCESS FOR ATTACHING FILE SYSTEM

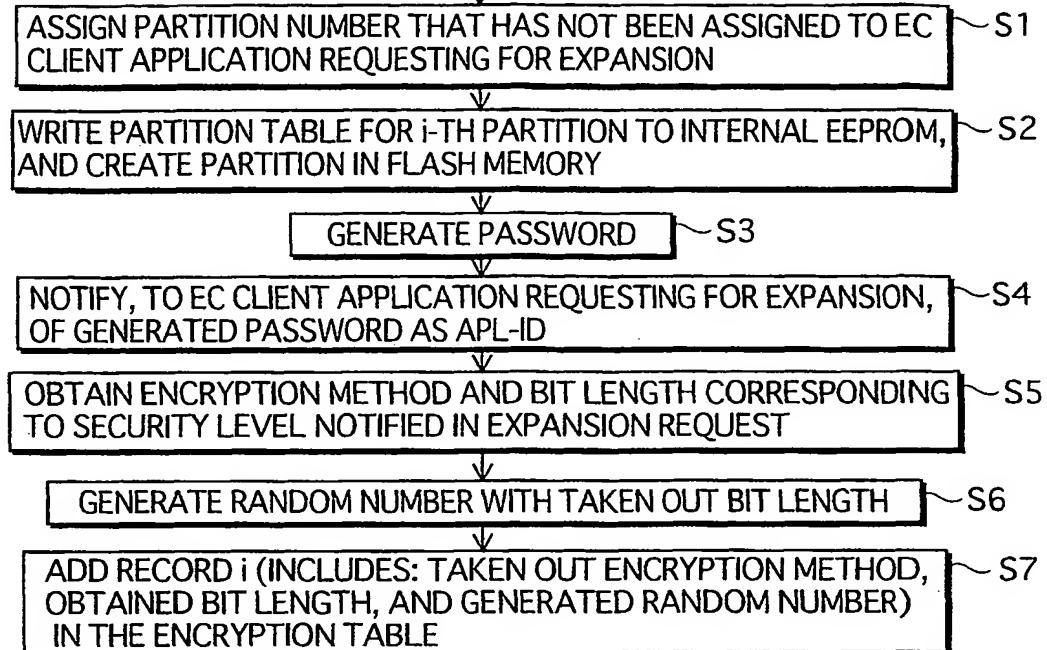


FIG.12B

END

FIG.12C

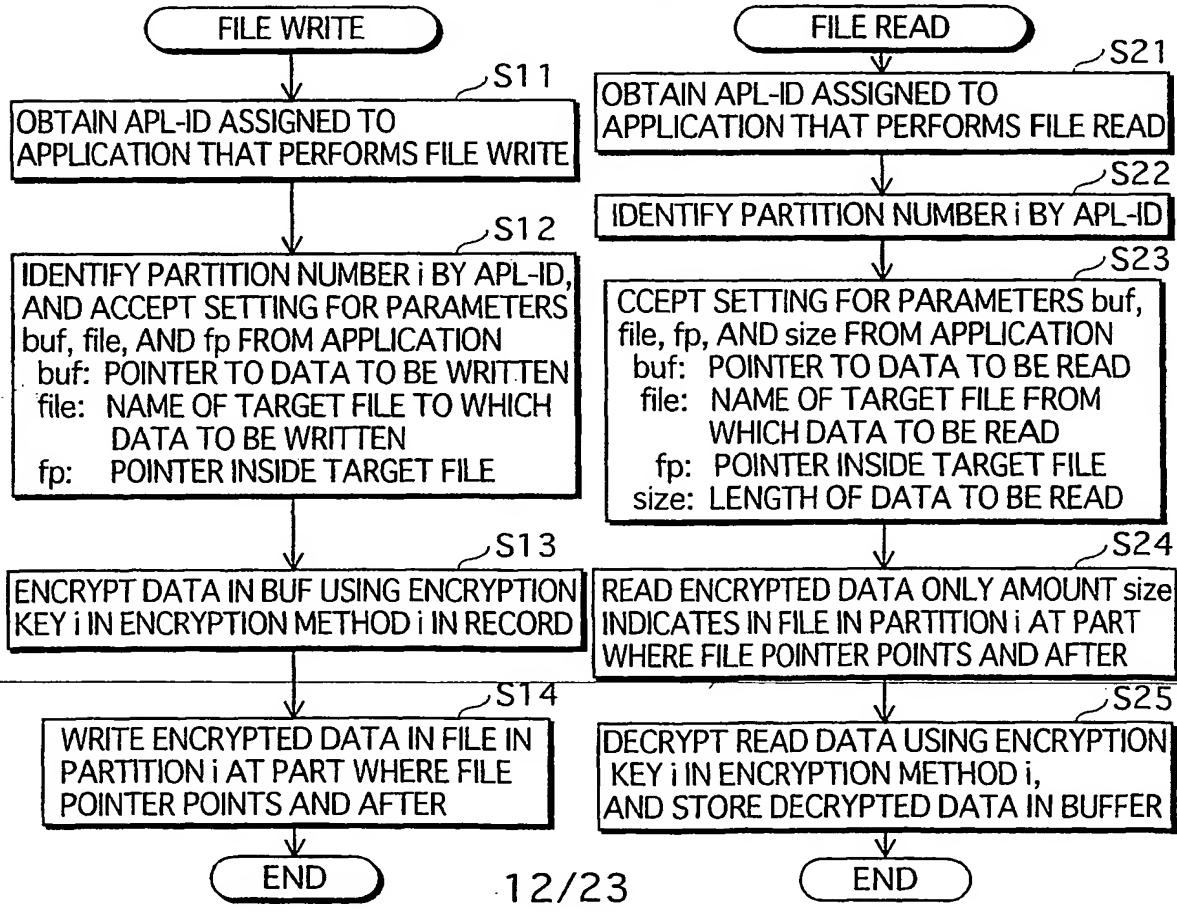


FIG.13

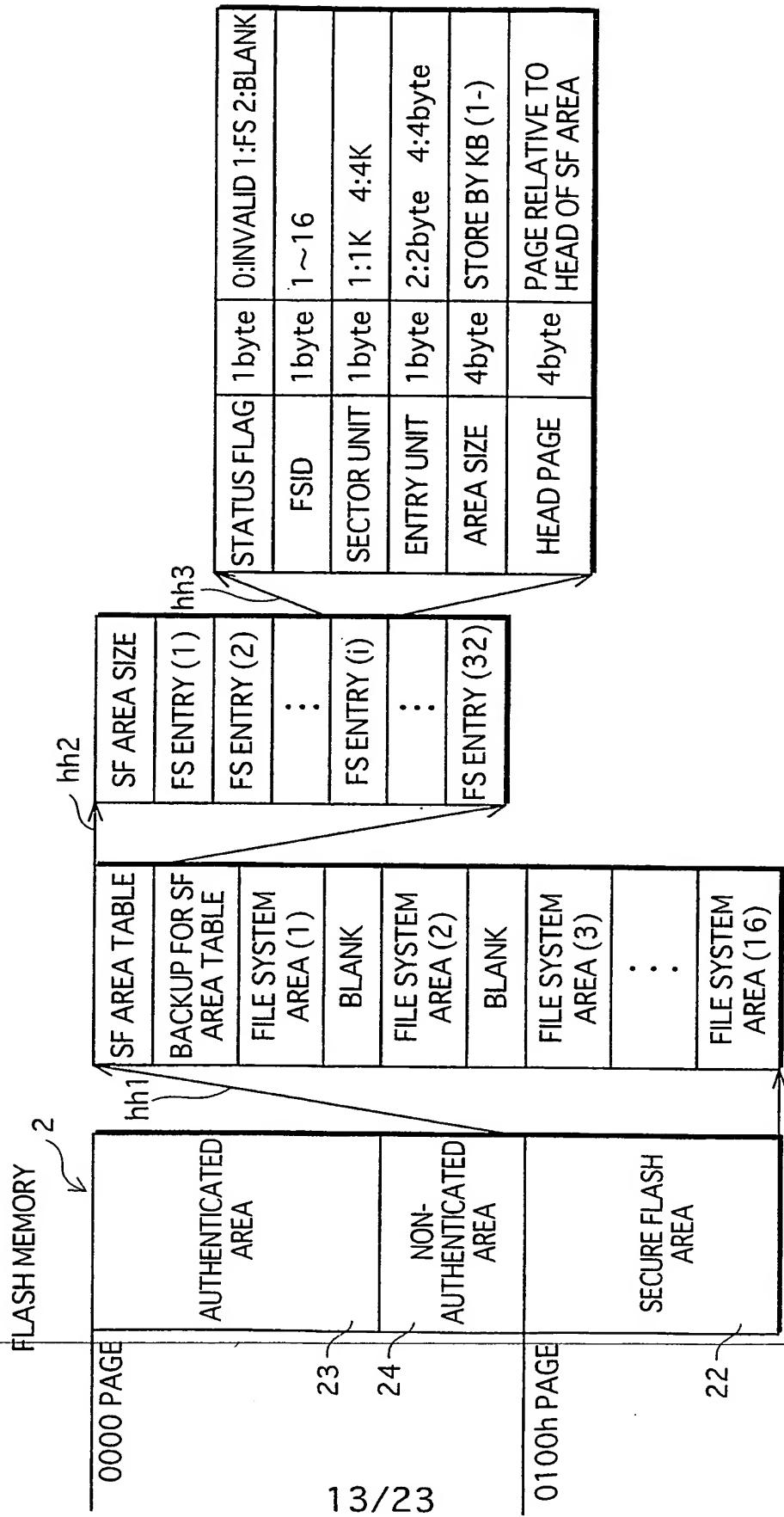
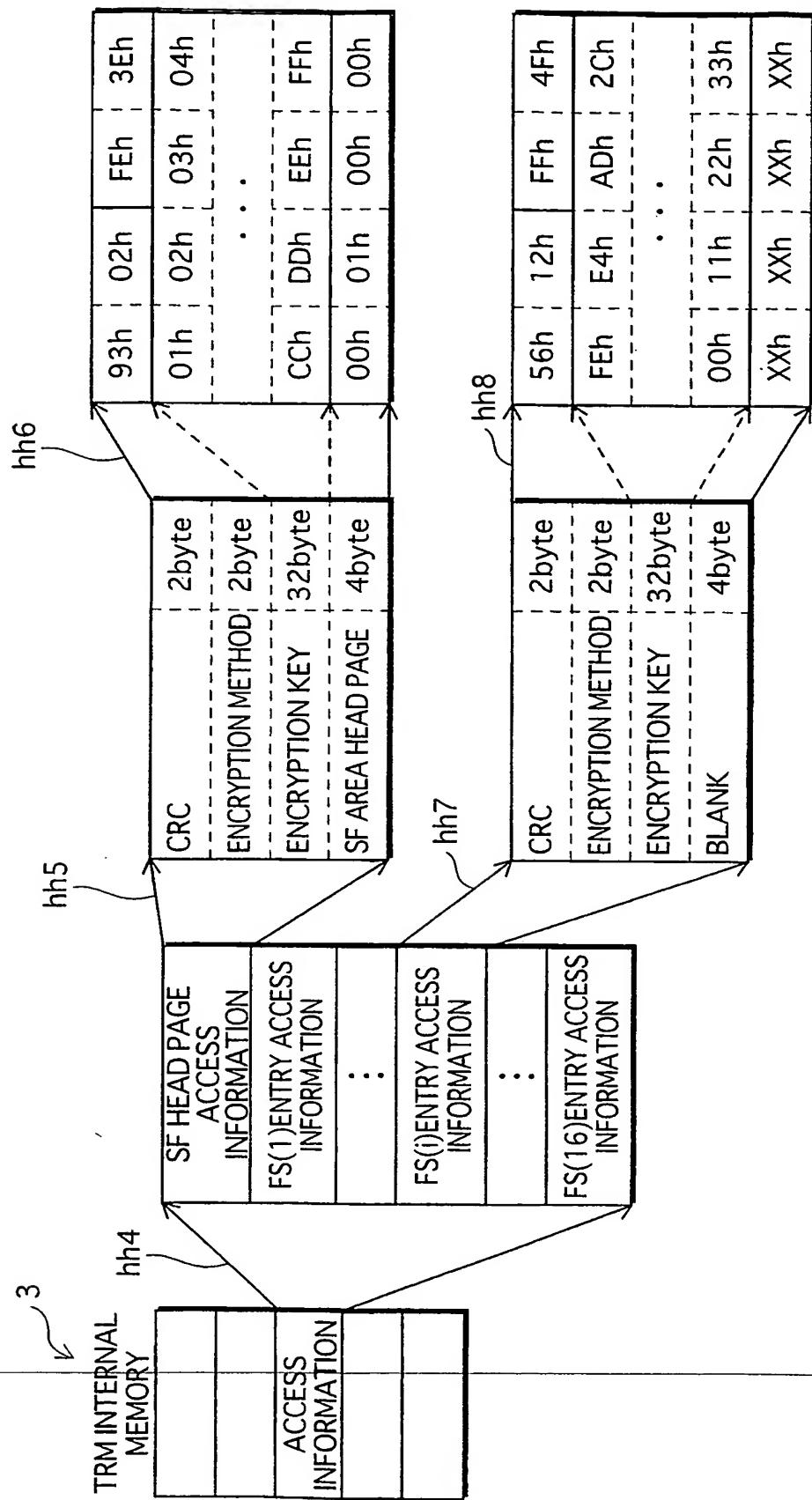


FIG. 14



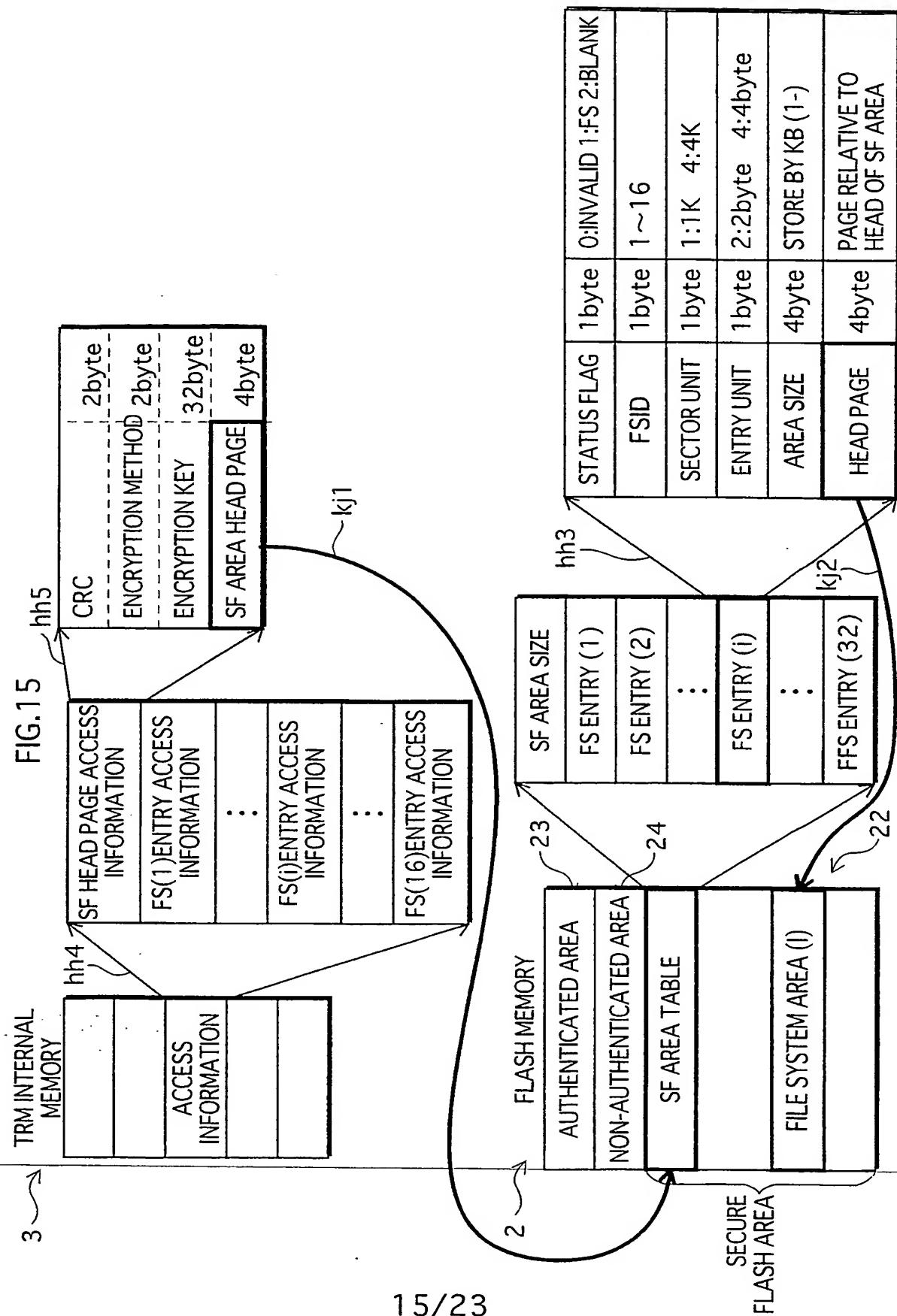


FIG.16

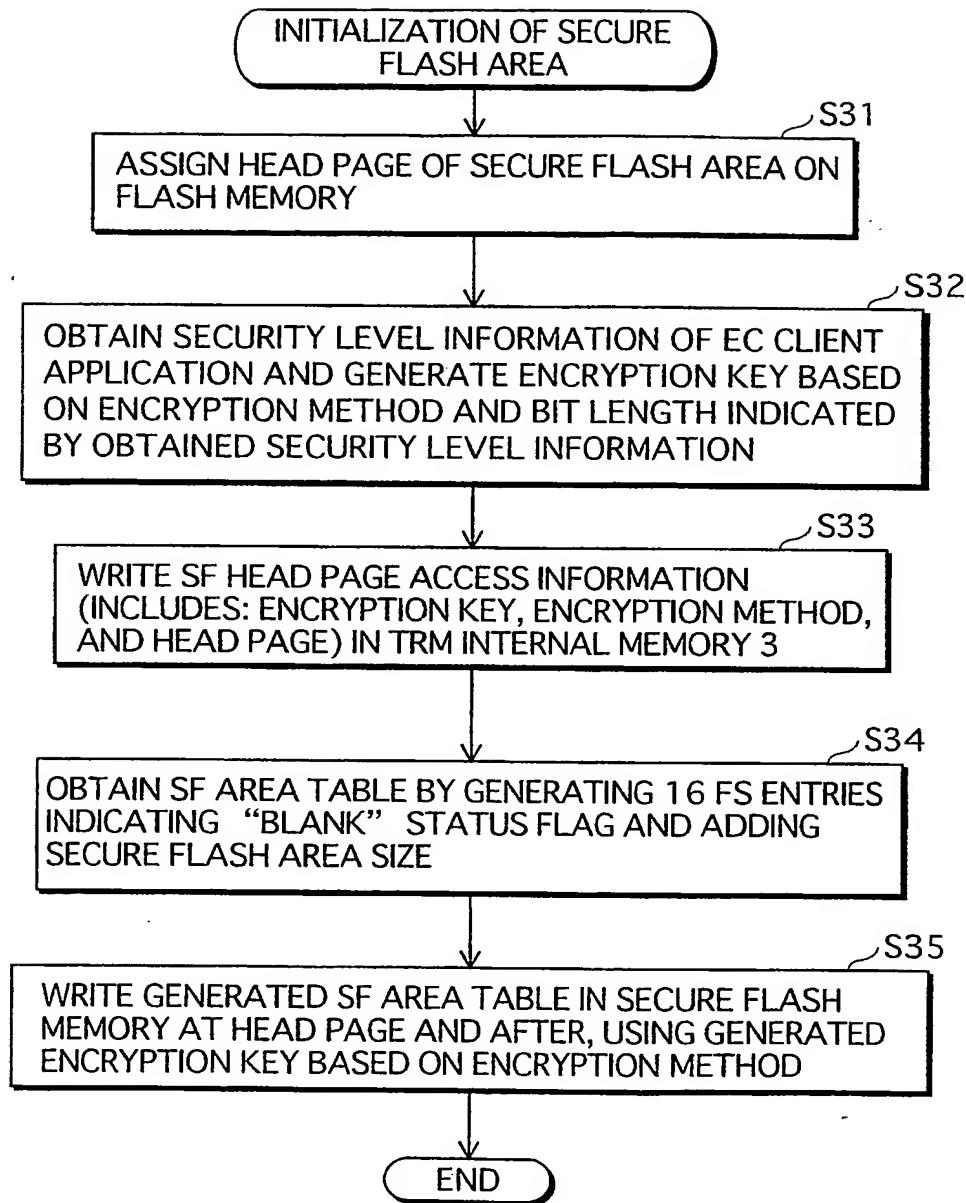


FIG.17

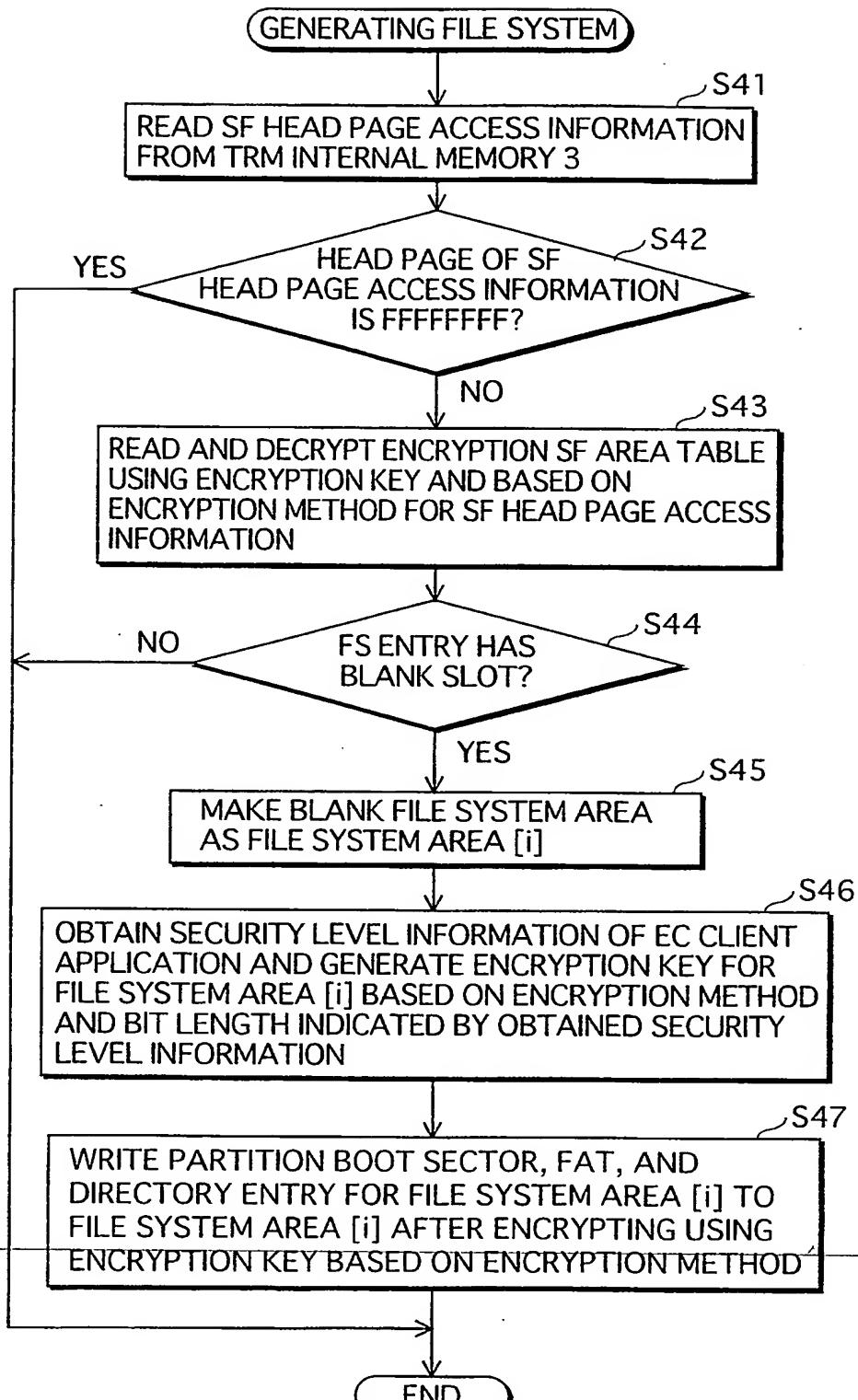


FIG.18

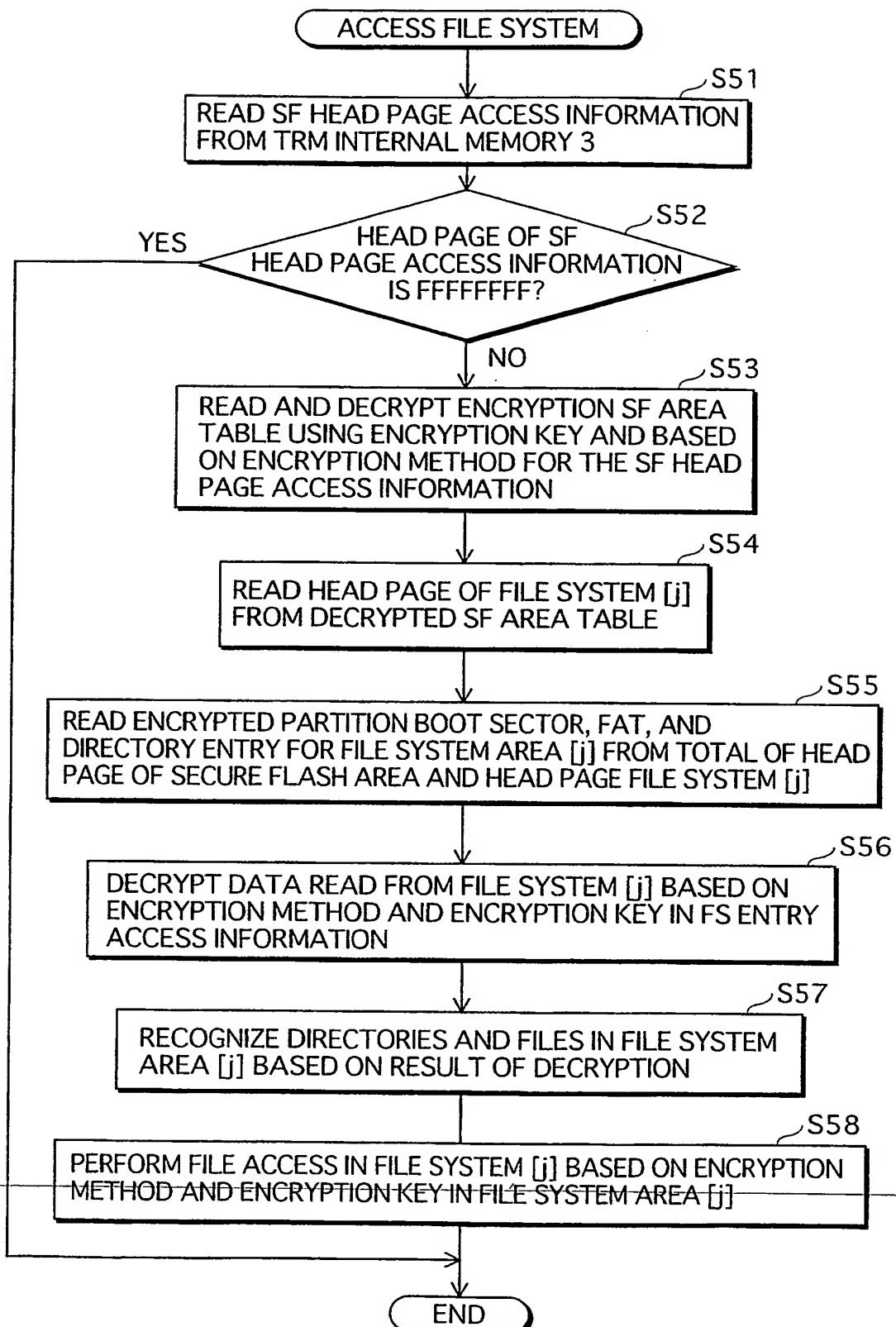


FIG.19

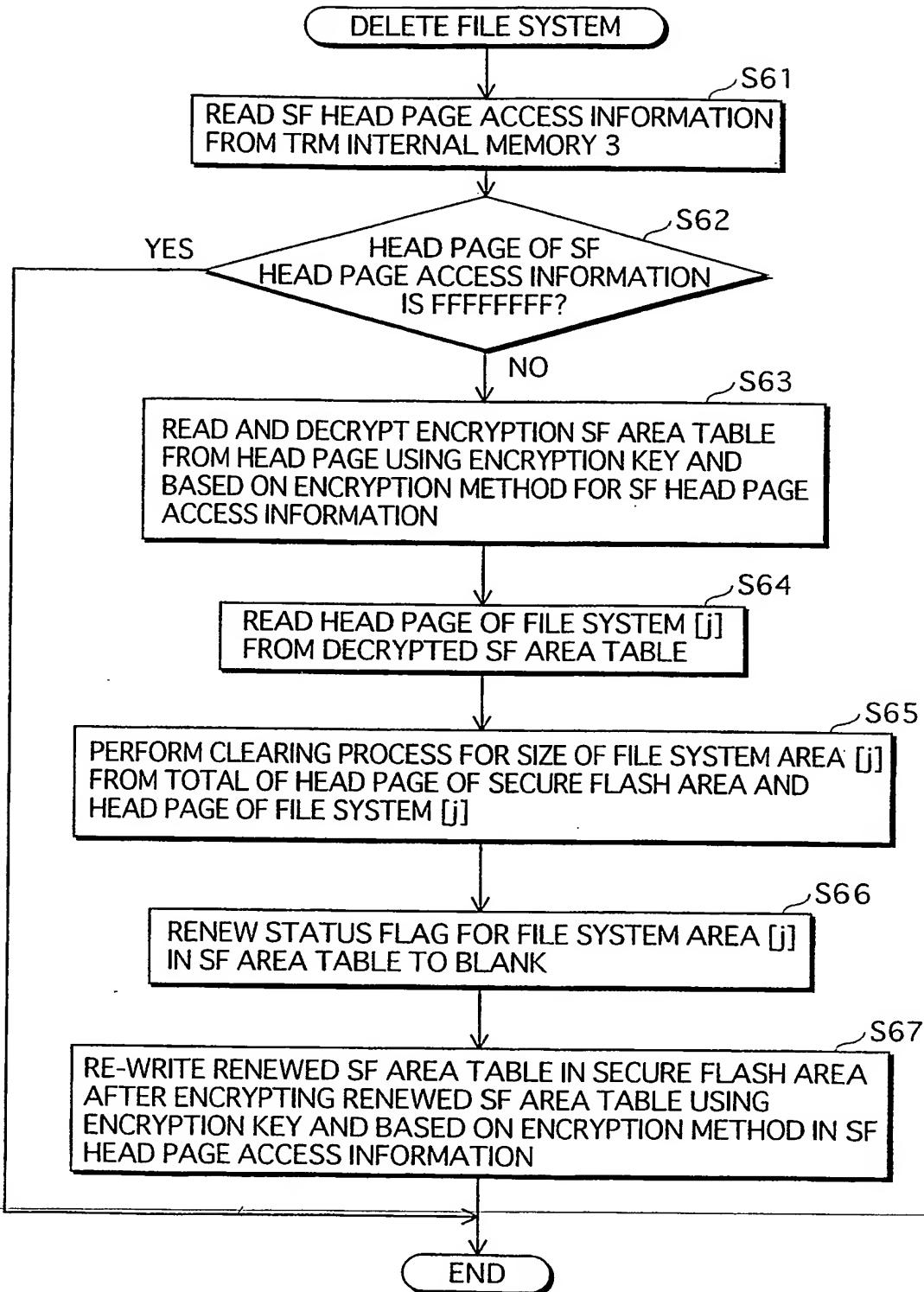


FIG.20

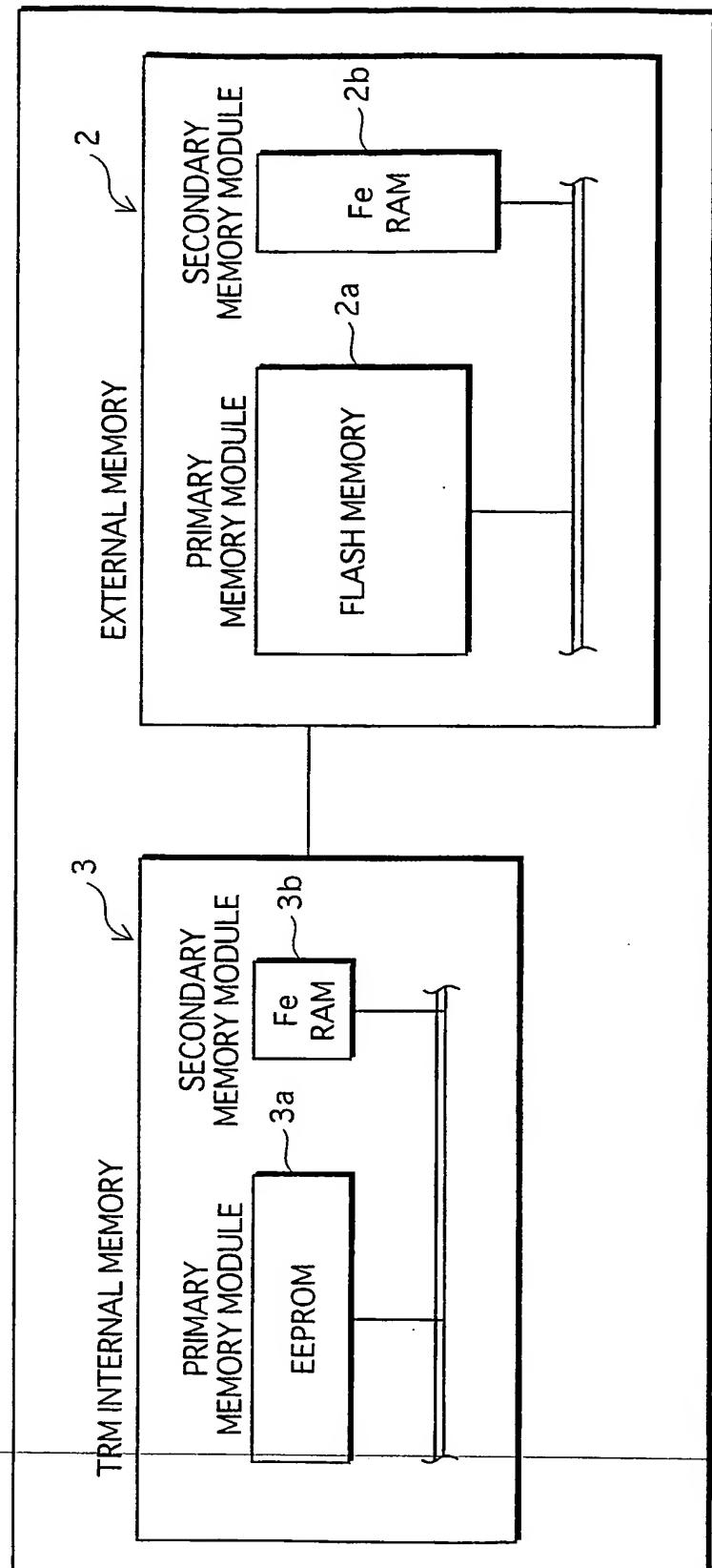


FIG.21

## PERFORMANCE COMPARISON

	PERFORMANCE COMPARISON			
	COST	LARGE CAPACITY	WRITE UNIT	WRITE TIME
Flash	LOW	○	BLOCK ※1	10000ns
FeRAM	HIGH	△	1 byte ※3	30~ 100ns
				POSSIBLE NUMBER FOR REWRITE TIMES
				$10^6$
				WRITE STABILITY
				UNSTABLE ※2
				READ TIME
				50ns
				READ TYPE
				NON-DESTRUCTIVE ○
				POWER CONSUMPTION
				DESTRUCTIVE ※4 ○

FIG.22

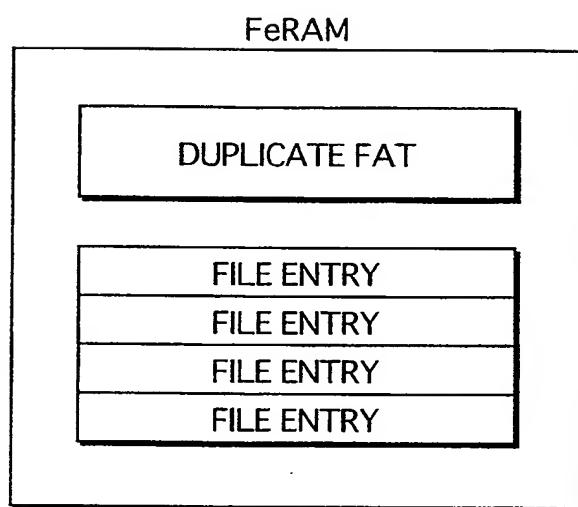
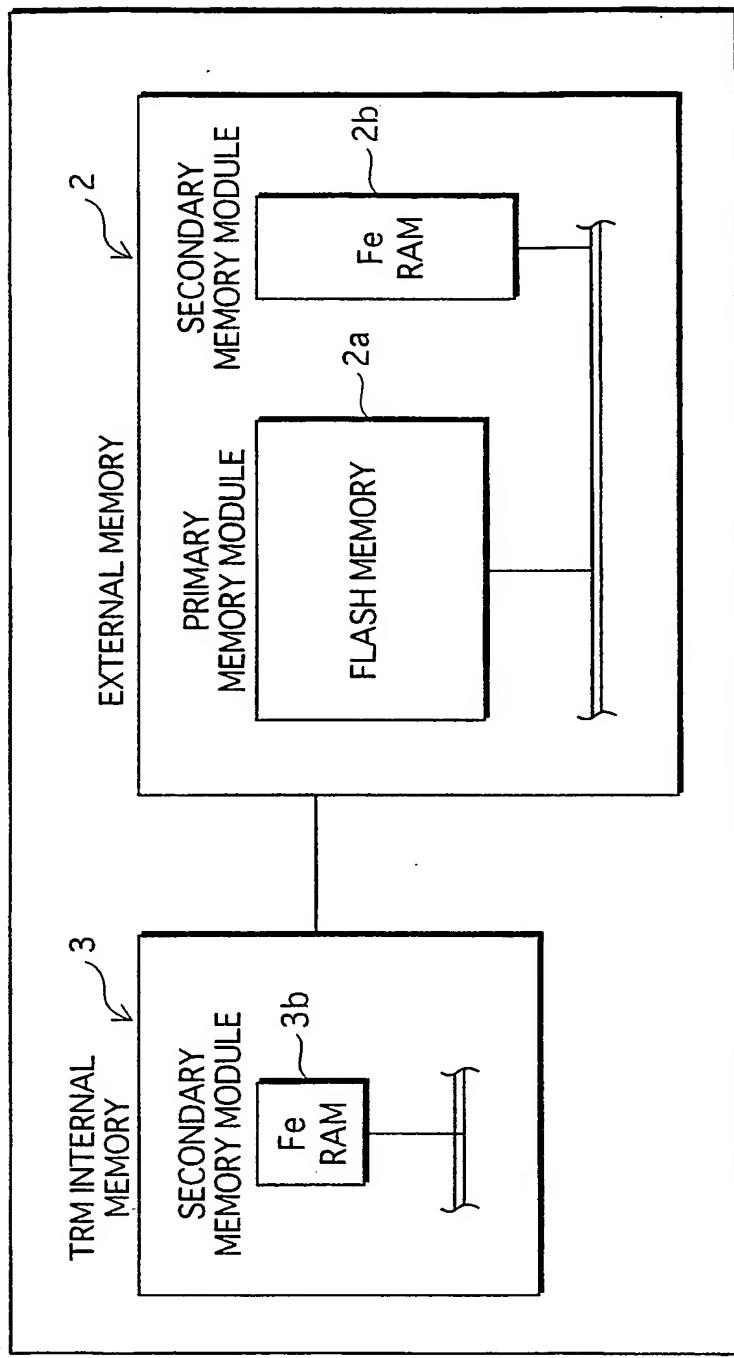


FIG.23



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